

FIG. 1

mrslililvc flplaalqav	rqgmgtnlsv	pnplgffpdh	qldpafgans	nnpdwdfnpn	60
secretion signal					Pres1
kdqweanqv	gagafpgft	pphgllgws	pqaqgilttv	paappastn	120
spplrdshpq	amqwnsttfh	qalldprvrg	lffpaggsss	gtvnpvptta	180
					Pres2
menttsgflg	pllvlqagff	lltriltipq	sldswwtsln	flggaptcpq	240
*	*	*	*	*	
sptscppicr	gyrwmclrrf	ii flfilllc	lifllvllldy	qgmplvcpll	300
*	*	***	*	*	
cktctipaog	tsmfpccct	kpsdgnctci	pipsswafar	flwewasvrf	360
					*
qwfvglsptv	wlsviwmwy	wgpslynils	pflpllpiff	ciwvvi	406

FIG. 2

Met Glu Asn Thr Thr Ser Gly Phe Leu Gly Pro Leu Leu Val Leu Gln
 1
 Ala Gly Phe Phe Leu Leu Thr Arg Ile Leu Thr Ile Pro Gln Ser Leu
 Asp Ser Trp Trp Thr Ser Leu Asn Phe Leu Gly Gly Ala Pro Thr Cys
 48
 Pro Gly Gln Asn Ser Gln Ser Pro Thr Ser Asn His Ser Pro Thr Ser
Cys Pro Pro Ile Cys Pro Gly Tyr Arg Trp Met Cys Leu Arg Arg Phe
 65 69 76
 Ile Ile Phe Leu Phe Ile Leu Leu Leu Cys Leu Ile Phe Leu Leu Val
 90
 Leu Leu Asp Tyr Gln Gly Met Leu Pro Val Cys Pro Leu Leu Pro Gly
 107
 Thr Ser Thr Thr Ser Thr Gly Pro Cys Lys Thr Cys Thr Ile Pro Ala
 121 124
 Gln Gly Thr Ser Met Phe Pro Ser Cys Cys Cys Thr Lys Pro Ser Asp
 137 138 139
 Gly Asn Cys Thr Cys Ile Pro Ile Pro Ser Ser Trp Ala Phe Ala Arg
 147 149
 Phe Leu Trp Glu Trp Ala Ser Val Arg Phe Ser Trp Leu Ser Leu Leu
 Val Pro Phe Val Gln Trp Phe Val Gly Leu Ser Pro Thr Val Trp Leu
 Ser Val Ile Trp Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr Asn Ile
 Leu Ser Pro Phe Leu Pro Leu Leu Pro Ile Phe Phe Cys Leu Trp Val
 221
 Tyr Ile
 226

FIG. 3

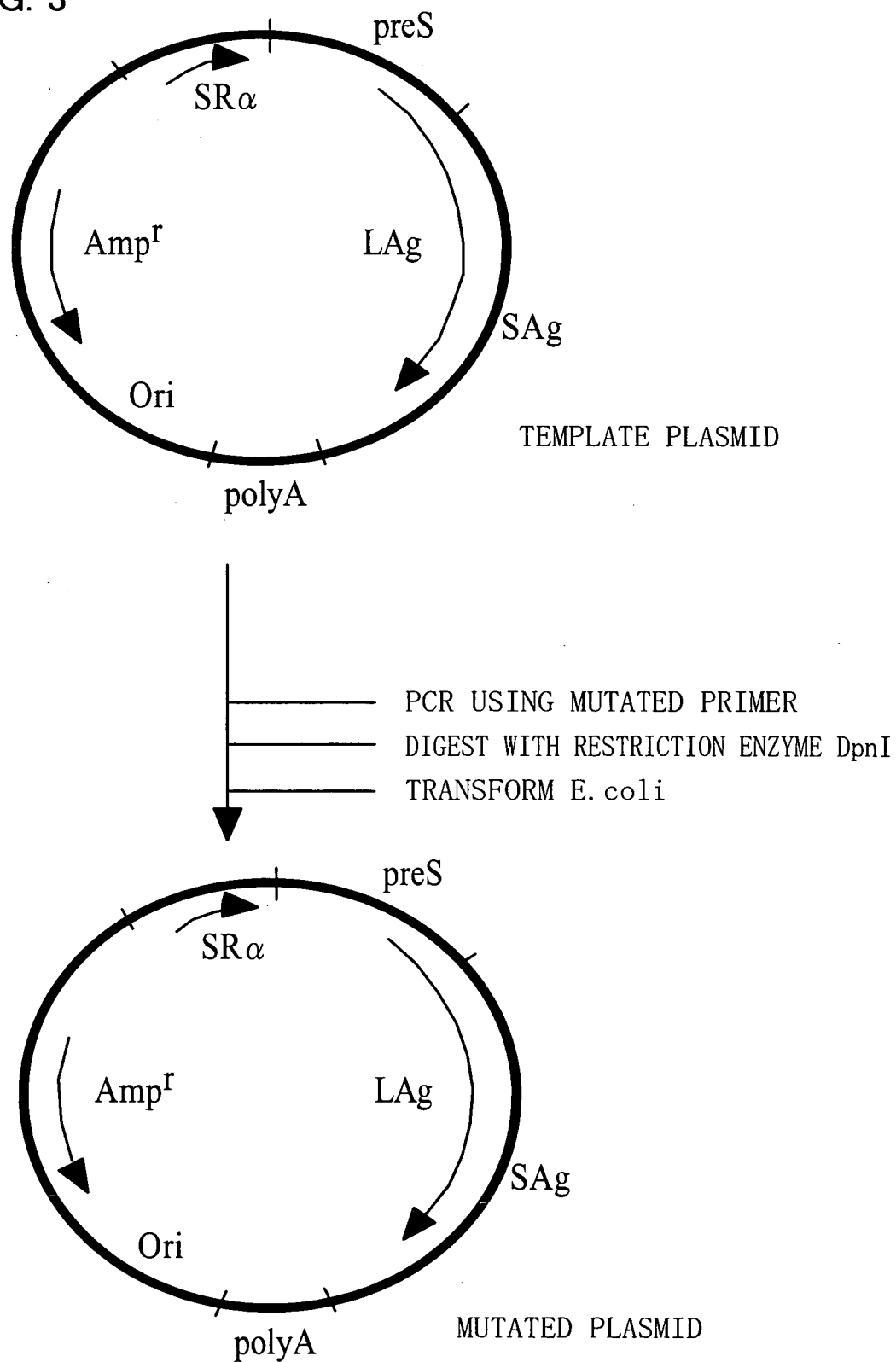
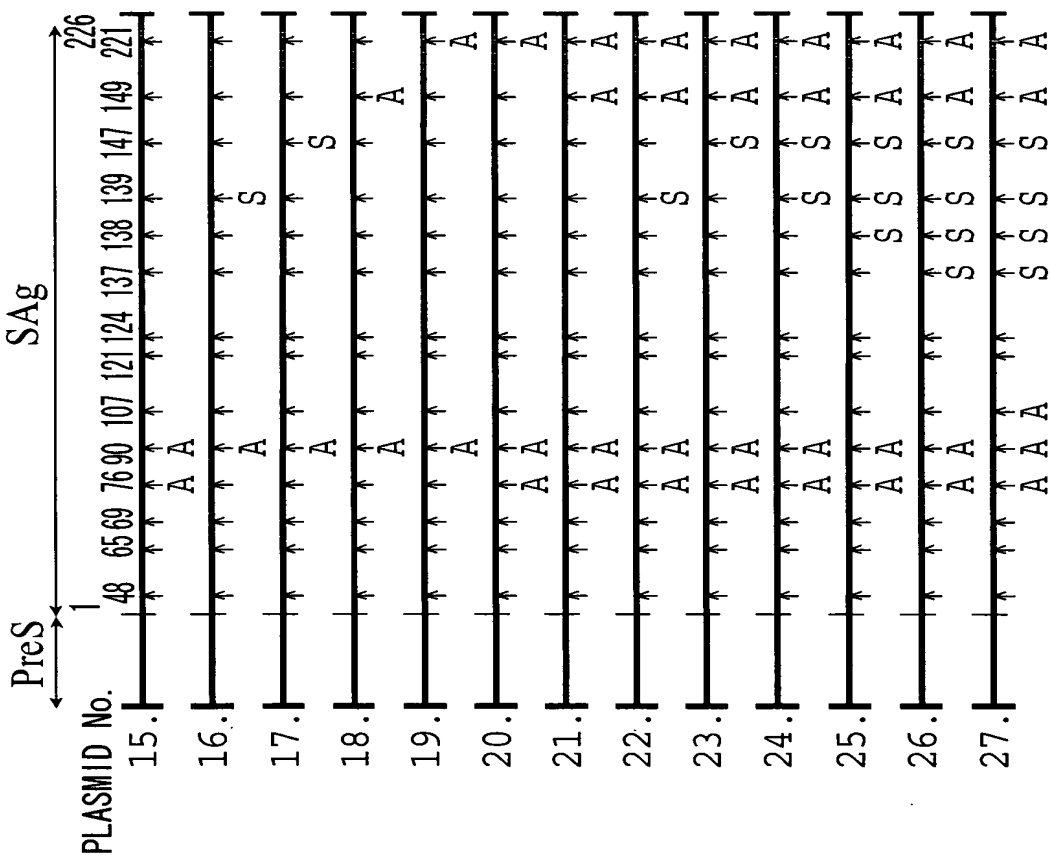
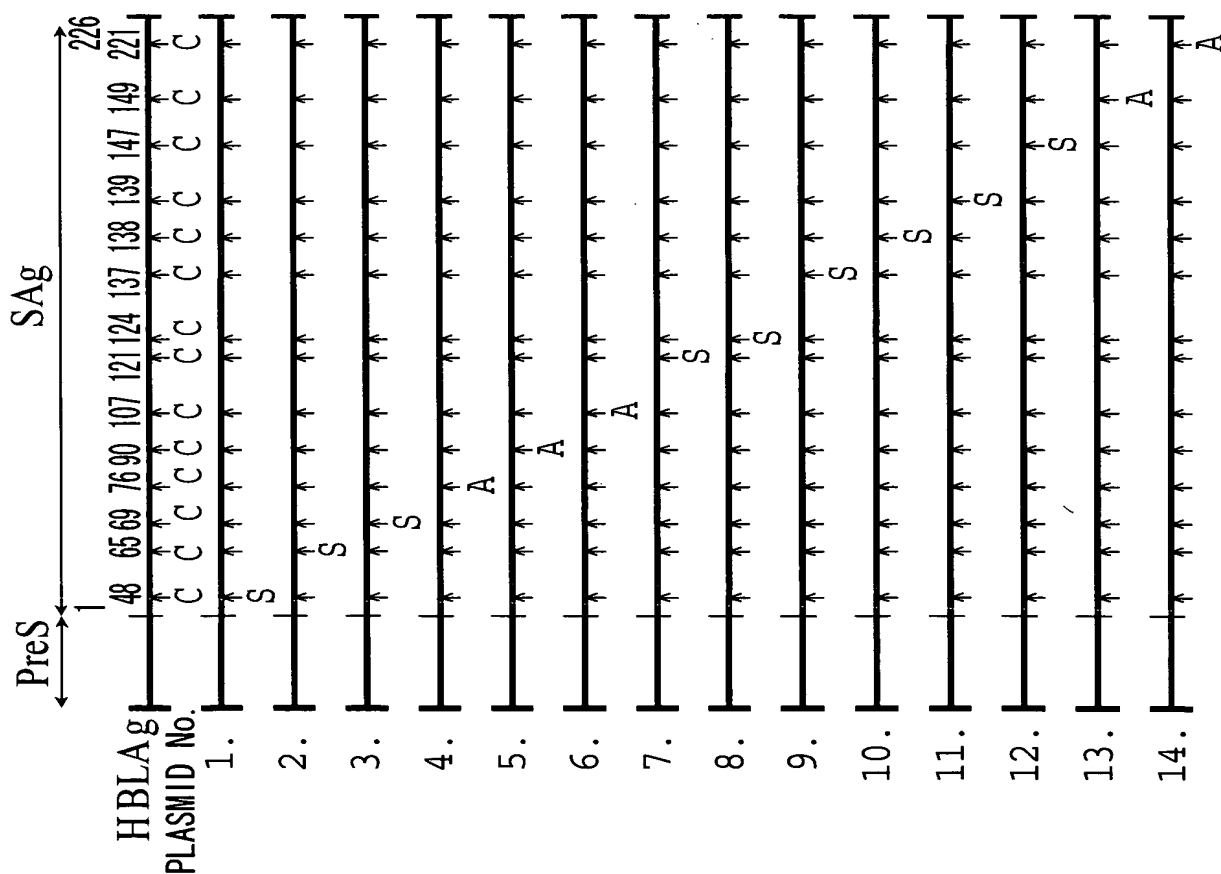
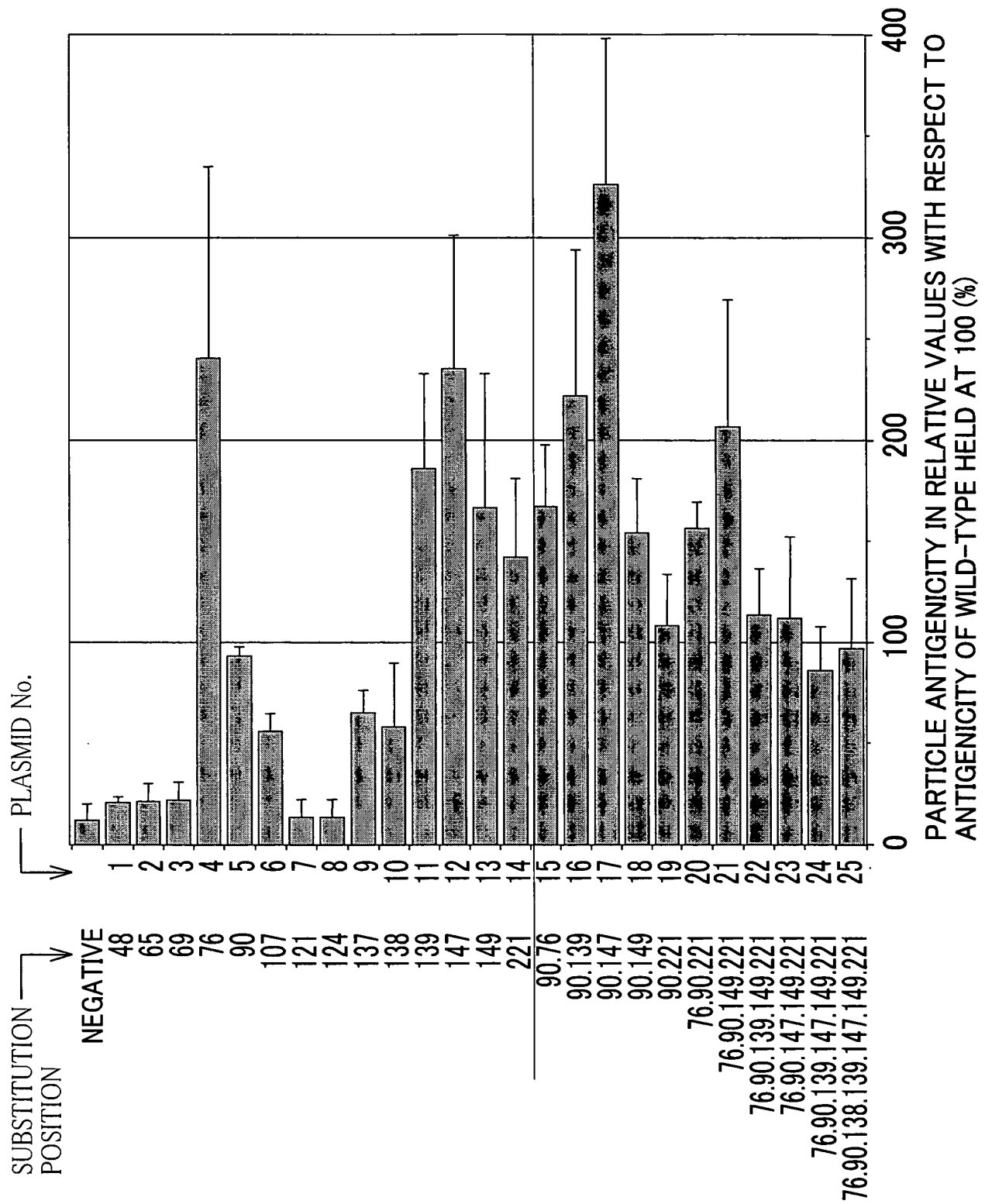


FIG. 4 (b)



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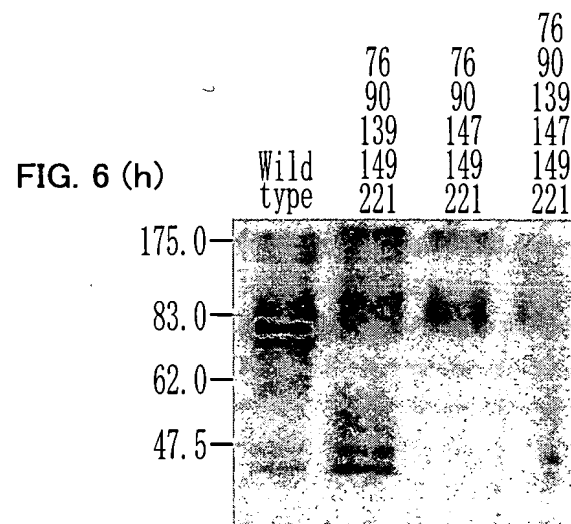
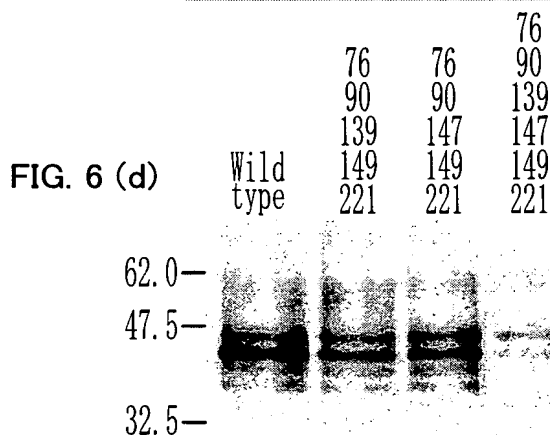
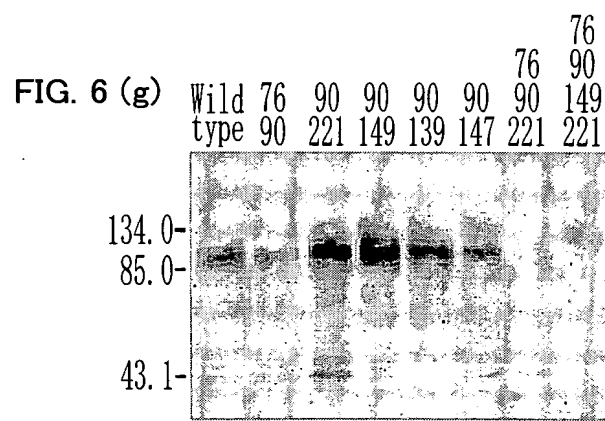
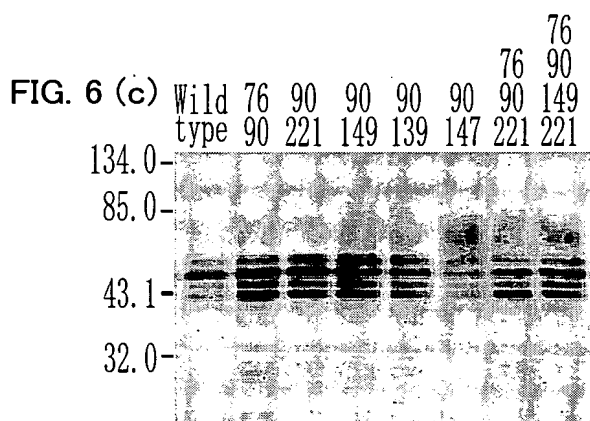
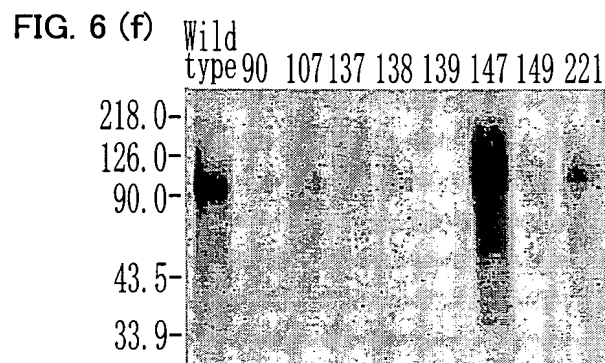
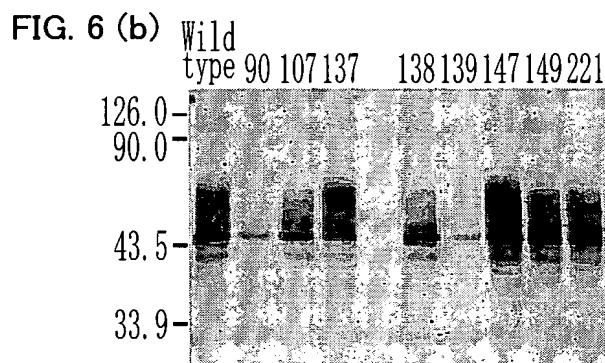
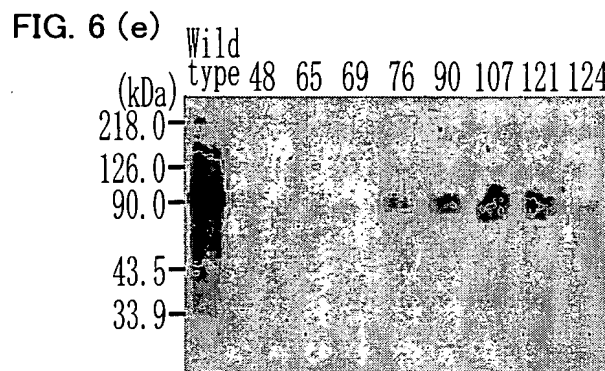
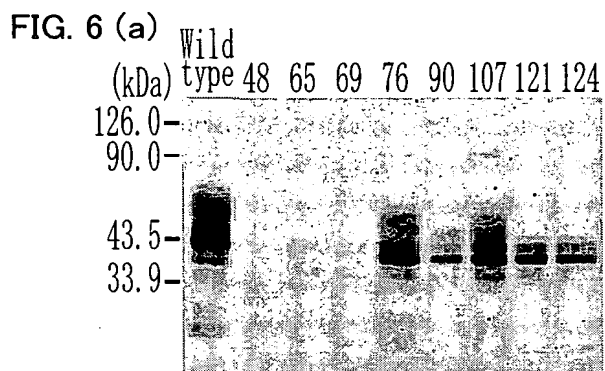


FIG. 7 (b)

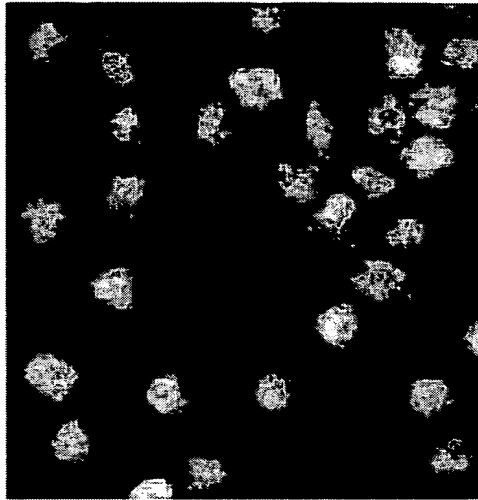


FIG. 7 (a)

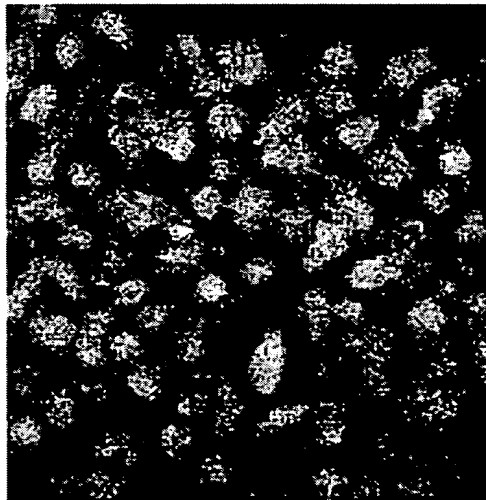


FIG. 8 (a)

POSITIVE CONTROL

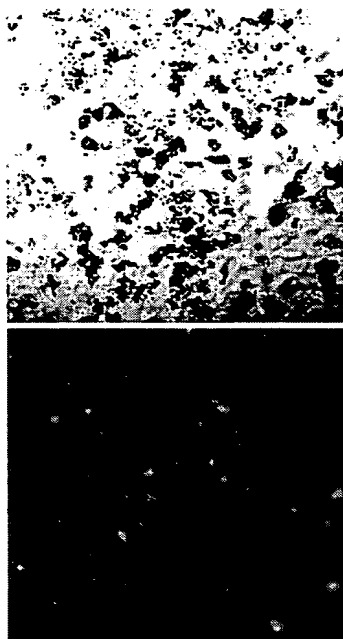


FIG. 8 (b)

NEGATIVE CONTROL

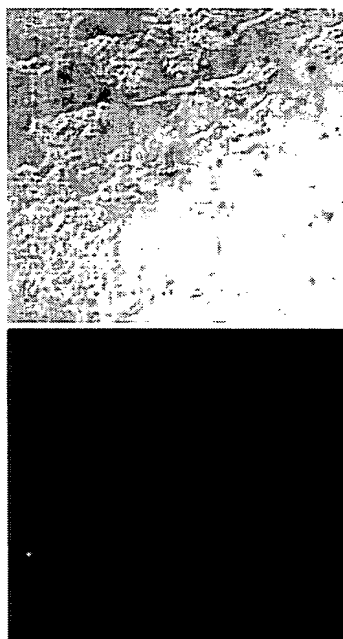


FIG. 8 (c)

NEGATIVE CONTROL



FIG. 8 (d)

WT(69ng)+GFP(200ng)



FIG. 8 (e)

BNP-Lm8(12ng)+GFP(200ng)

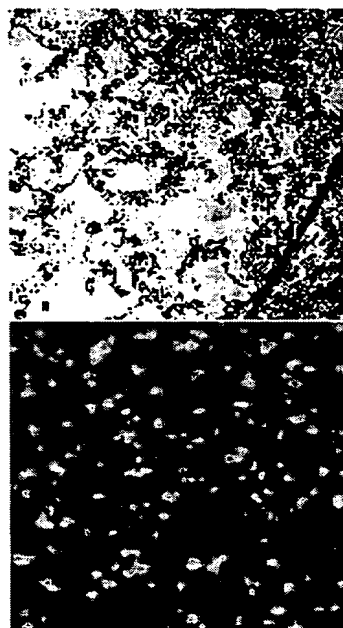
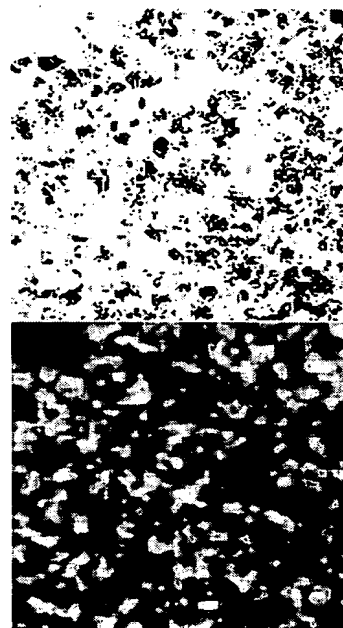


FIG. 8 (f)

BNP-Lm8(24ng)+GFP(200ng)



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FIG. 9 (a)

POSITIVE CONTROL



FIG. 9 (b)

BNP-LM8(12ng)+GFP(100ng)

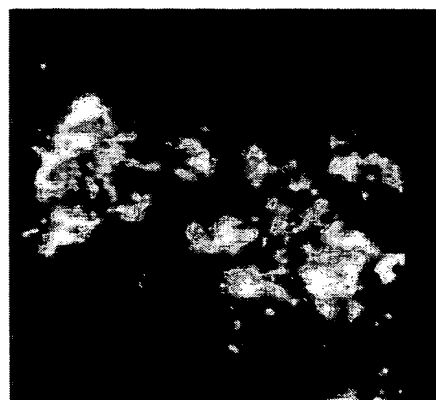
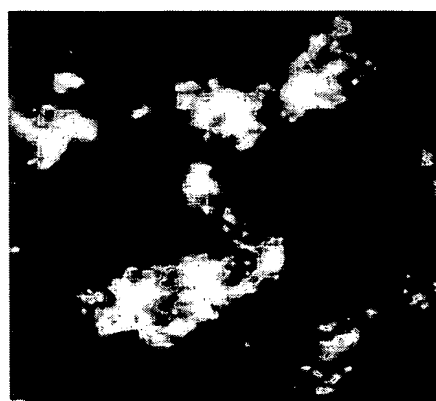
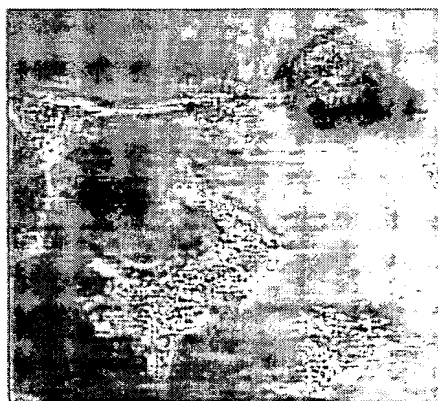


FIG. 9 (c)

BNP-Lm8(24ng)+GFP(200ng)



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FIG. 10 (a)

POSITIVE CONTROL

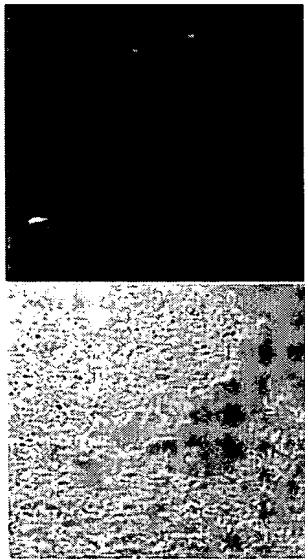


FIG. 10 (b)

NEGATIVE CONTROL

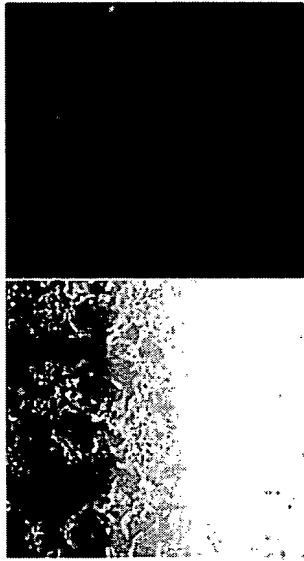


FIG. 10 (c)

WT(6. 4ng) +GFP(200ng)

ONE WEEK LATER
↑

WT(6. 4ng) +GFP(200ng)

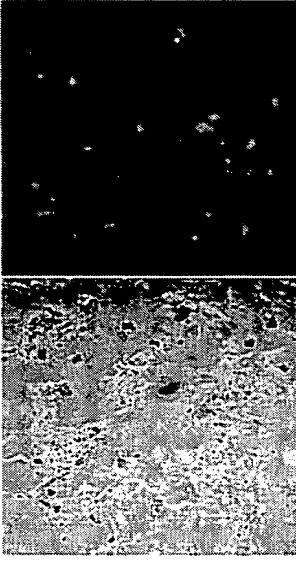
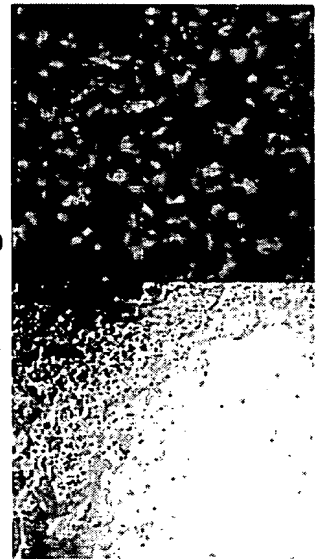
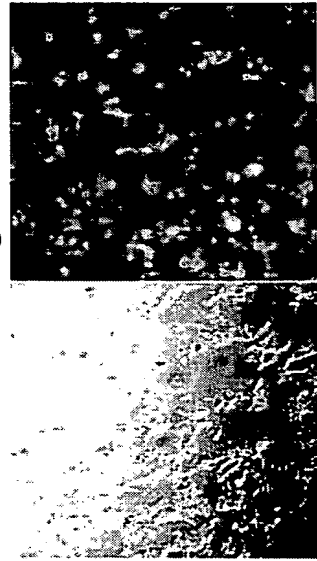


FIG. 10 (d)

BNP-Lm8(6. 4ng) +GFP(200ng)

ONE WEEK LATER
↑

BNP-Lm8(6. 4ng) +GFP(200ng)



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FIG. 11 (a) POSITIVE CONTROL

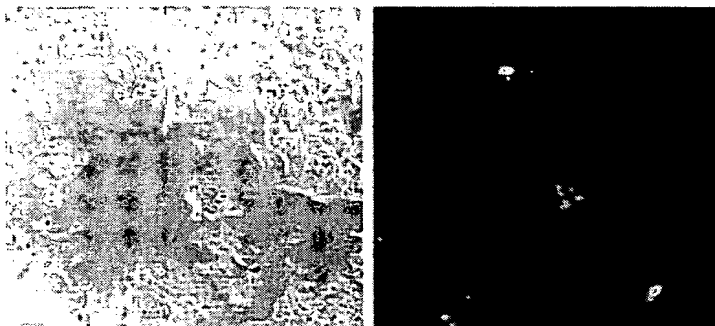


FIG. 11 (b) NEGATIVE CONTROL

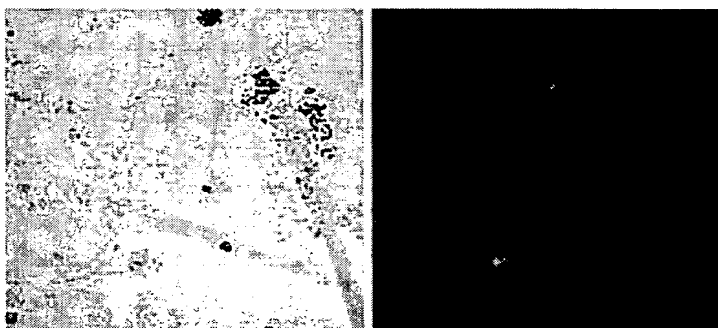


FIG. 11 (c) WT(14ng) + GFP(200ng)

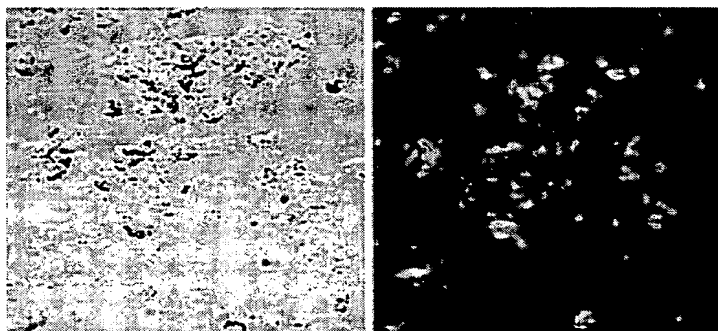


FIG. 11 (d) BNP-Lm8(5ng) + GFP(200ng)

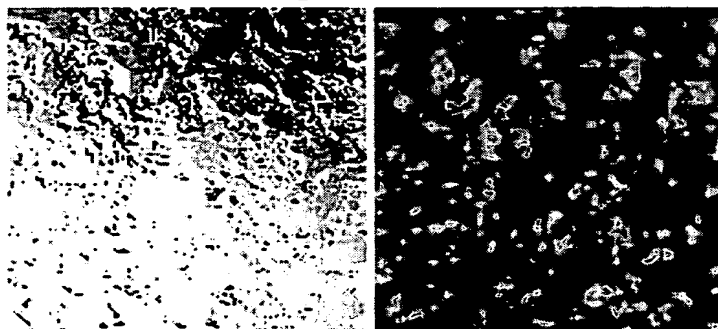


FIG. 12 (a) POSITIVE CONTROL



FIG. 12 (b) NEGATIVE CONTROL



FIG. 12 (c) WT(14ng) + GFP(200ng)



FIG. 12 (d) BNP-Lm8(5ng) + GFP(200ng)

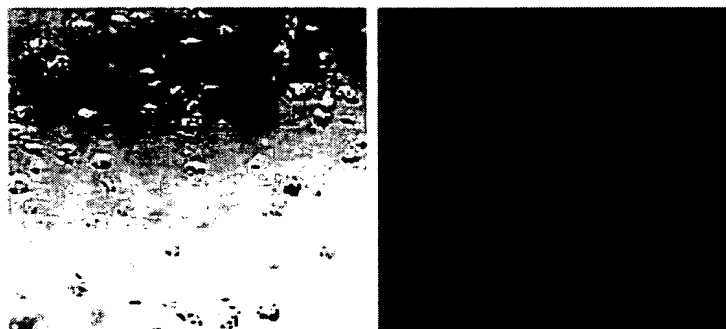


FIG. 13 (a)

POSITIVE CONTROL

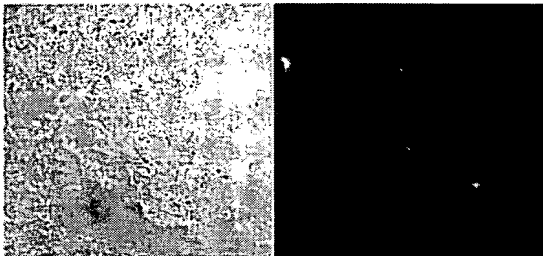


FIG. 13 (b)

NEGATIVE CONTROL

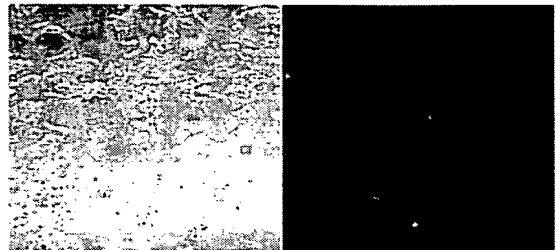


FIG. 13 (c)

WT(3.2ng)+GFP(200ng)

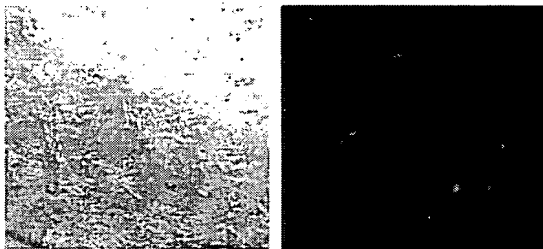


FIG. 13 (d)

WT(6.4ng)+GFP(200ng)

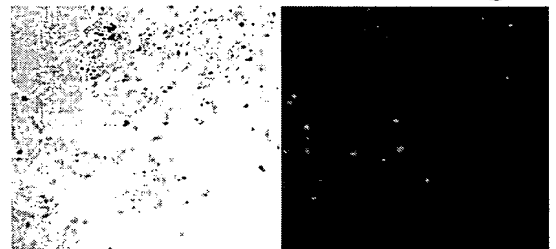


FIG. 13 (e)

BNP-Lm7b(3.2ng)+GFP(200ng)

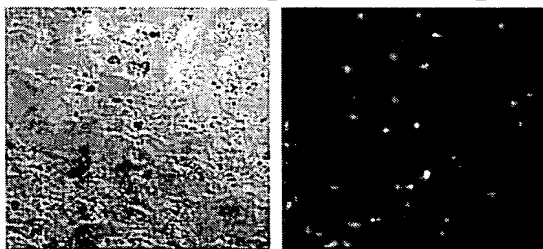


FIG. 13 (f)

BNP-Lm7b(6.4ng)+GFP(200ng)

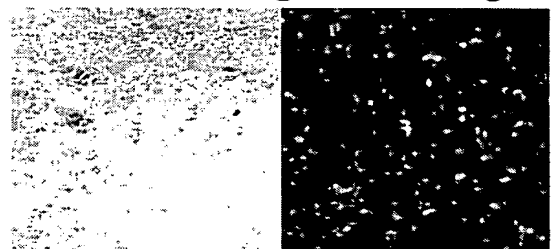


FIG. 13 (g)

BNP-Lm8(3.2ng)+GFP(200ng)

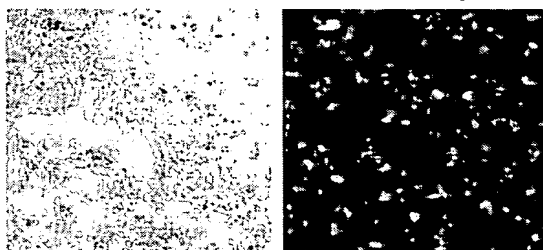


FIG. 13 (h)

BNP-Lm8(6.4ng)+GFP(200ng)

